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AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A dimensionally stable thermoformable laminate produced by continuous lamination without distortion of any layers of the laminate, the laminate comprising:

a first polymer film having a first side and a second side;

a dimensionally stable web carrier removably attached to a side of the first polymer film, the web carrier having a bonding force with the first polymer film to provide dimensional stability to the laminate for lamination and embossing;

a print layer on an opposite side of the first polymer film, the print layer having a print pattern;

a second polymer film proximate to the print layer;

the first and second polymer films being laminated together;

a texture from the embossing which extends through the web carrier into one of the first or second polymer films and which is retained by one of the first or second polymer films after thermoforming;

the print pattern being substantially free from distortion after lamination and embossing as a result of removable attachment of the web carrier to the first polymer film, the web carrier being removable from the first polymer film without distortion of the print pattern, the bonding force of the web carrier sufficient to prevent deformation of the first or second polymer films and distortion of the print pattern.

2. (Cancelled).

3. (Currently Amended) The laminate of claim 1 wherein the web carrier is made of a material selected from a group of materials of: polyester, glass, fabric, paper, rigid polymer films, polycarbonate or polyimide, or any other dimensionally stable material which can be removably bonded to one or both of the polymer film layers.

4. (Cancelled).

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5. (Currently Amended) The laminate of claim 1 wherein the first and second polymer films are made of one or more materials selected from the group of: polyvinyl fluoride, polyvinylidene fluoride, polyvinyl chloride, acrylic, polyester, polycarbonate, PETG, urethane, ABS, thermoplastic ~~or other suitable fluorinated~~ materials or alloys thereof.

6. (Original) The laminate of claim 1 further comprising one or more layers of embossing resin between the first and second polymer films.

7. (Original) The laminate of claim 6 wherein:
the first polymer film has a thickness in a range of about 0.1 mil to 10 mils;
the embossing resin has an aggregate thickness in a range of about 0.5 mil to 40 mils; and
the second polymer film has a thickness in a range of 0.5 mil to 40 mils.

8. (Original) The laminate of claim 1 wherein the web carrier is bonded to the laminate with a bonding force sufficient to maintain dimensionally stability of the laminate during processing of the laminate.

9. (Original) The laminate of claim 1 thermally formed as a decorative cover on a structural product.

10. (Original) The laminate of claim 6 further comprising at least one layer in addition to the first and second polymer films, web carrier and embossing layer.

11. (Cancelled).

12. (Currently Amended) The laminate of claim 6 1 further comprising a texture which extends through the web carrier and first polymer layer and into the embossing resin.

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13. (Currently Amended) The laminate of claim 6 further comprising a texture ~~in each of the~~ which extends through the web carrier and into the first and second polymer layers of the laminate.

14-26. (Cancelled).

27. (Currently Amended) A laminate product comprising:
a first polymer film; and,
a second polymer film positioned in a plane parallel to and on a first side of the first polymer film, the first and second polymer films laminated together by continuous roll-forming lamination;
a print pattern on ~~or proximate to~~ one of the first or second polymer films;
a polyester web carrier removably attached to one side of the first or second polymer film, and an embossed texture which extends through the web carrier and into the first or second polymer films;
~~the first and second polymer films laminated together;~~
the print pattern being free from distortion after lamination as a result of removable attachment of the web carrier to one of the polymer films during lamination, and
the web carrier being removable from the laminated first or second polymer films without distortion of the print pattern.

28-29. (Cancelled).

30. (Original) The laminate product of claim 27 wherein the first and second polymer films are made of any material selected from the group of: polyvinyl fluoride, polyvinylidene fluoride, polyvinyl chloride, acrylic, polyester, polycarbonate, PETG, urethane or ABS.

31. (Original) The laminate product of claim 27 further comprising one or more layers of embossing resin between the first and second polymer films.

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32. (Currently Amended) The laminate product of claim 27 31 in which the first polymer film has a thickness in a range of about 0.1 mil to 10 mils;
the embossing resin has an aggregate thickness in a range of about 0.5 mil to 40 mils, and
the second polymer film has a thickness in a range of about 0.5 mil to 40 mils.

33-35. (Cancelled).

36. (Currently Amended) The laminate product of claim 27 ~~wherein~~ further comprising an additional removably attachable web carrier attached to one of the polymer films so that each of the first and second polymer films has a removably attached web carrier.

37. (Currently Amended) A dimensionally stable laminate product comprising:
a first polymer film;
a web carrier removably attached to one side of the first polymer film;
a second polymer film on a side of the first polymer film opposite the web carrier;
the first and second polymers films laminated together in a continuous roll-forming operation and an embossed texture which extends through the web carrier and into the first polymer film;

the laminated first and second polymer films being dimensionally stable relative to dimensions of the first and second polymer films prior to lamination as a result of the removable attachment of the web carrier to the first polymer film, and

the laminated first and second polymer films being dimensionally stable after removal of the web carrier.

38. (Original) The dimensionally stable laminate product of claim 37 wherein the first polymer film is cast on to the web carrier.

39. (Original) The dimensionally stable laminate product of claim 37 wherein the web carrier is made of polyester.

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40. (Original) The dimensionally stable laminate product of claim 37 wherein the first and second polymer films are made of one or more materials selected from the group of: polyvinyl fluoride, polyvinylidene fluoride, polyvinyl chloride, acrylic, polyester, polycarbonate, PETG, urethane, ABS or other suitable fluorinated materials or alloys thereof.

41. (Currently Amended) The dimensionally stable laminate product of claim 37 further comprising a print pattern proximate to the first or second polymer film, wherein the print remains free from distortion after removal of the web carrier.

42. (Original) The dimensionally stable laminate product of claim 37 further comprising a second web carrier removably attached to the second polymer film.

43. (Original) The dimensionally stable laminate product of claim 42 wherein the second web carrier is made of a material selected from the group of: polyester, paper, rigid polymer films, polycarbonate or polyimide, or any other dimensionally stable material which can be removably bonded to one or both of the polymer film layers.

44. (Original) The dimensionally stable laminate product of claim 37 further comprising one or more layers of embossing resin between the first and second polymer films.

45. (Original) The dimensionally stable laminate product of claim 37 wherein the first polymer film has a thickness in a range of about 0.1 mil to 10 mils, and the second polymer film has a thickness in a range of about 0.5 mil to 40 mils.

46. (Original) The dimensionally stable laminate product of claim 43 wherein the embossing resin layer or layers has a thickness in the range of 0.5 mil to 40 mils.

47. (Cancelled).

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48. (Currently Amended) The dimensionally stable laminate product of claim 38 ~~44~~ further comprising a wherein the embossed texture ~~which~~ extends through the web carrier and into the first polymer film and the embossing resin.

49. (Original) The dimensionally stable laminate product of claim 37 further comprising a substrate attachment adhesive on the second polymer film.

50. (Original) The dimensionally stable laminate product of claim 37 attached to a substrate.

51. (Currently Amended) The dimensionally stable laminate product of claim 37 further comprising a print layer between the first and second polymer films, the print layer being dimensionally stable as a result of the removable attachment of the web carrier to the first polymer film.

52. (Currently Amended) A method of making a dimensionally stable decorative laminate which has a print pattern with dimensions which remain substantially the same prior to and after lamination of layers of the laminate by continuous roll-forming lamination, the method comprising the steps of:

providing a first polymer layer with an attached web carrier;

providing a second polymer layer;

providing a print pattern between the first polymer layer and the second polymer layer;

laminating the first and second polymer layers together by continuous roll-forming lamination,

forming a texture to the first polymer layer by embossing through the web carrier into the first or second polymer layers, and

removing the web carrier from the first polymer layer after the first and second polymer layers have been laminated together.

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53. (Currently Amended) The method of claim 52 wherein the print pattern is applied directly to the first polymer layer opposite the web carrier.

54. (Currently Amended) The method of claim 52 ~~wherein the print pattern is on~~ further comprising the step of providing a separate print layer which bears the print pattern and which is positioned between the first and second polymer layers.

55. (Cancelled).

56. (Original) The method of claim 52 further comprising the step of providing embossing resin between the first and second polymer layers.

57. (Original) The method of claim 52 further comprising the step of casting the first polymer layer on to the web carrier prior to lamination of the first and second polymer layers.

58. (Original) The method of claim 52 further comprising the step of providing a second web carrier removably attached to the second polymer layer.

59. (Cancelled).

60. (Original) The method of claim 52 further comprising the step of applying a substrate attachment adhesive to the second polymer layer.

61. (Cancelled).

62. (Currently Amended) The method of claim 52 further comprising the step of imparting a texture to the laminate by embossing through the second polymer layer.

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63. (New) A dimensionally stable laminate producible by continuous lamination without distortion of any layers of the laminate, the laminate comprising:

a first polymer film having a first side and a second side;

a dimensionally stable web carrier removably attached to a side of the first polymer film the web carrier having a bonding force with the first polymer film to provide dimensional stability to the laminate for lamination and embossing;

a second polymer film proximate to the first polymer film;

the first and second polymer films being laminated together;

a texture from the embossing which extends through the web carrier into one of the first or second polymer films and which is retained by one of the first or second polymer films after thermoforming;

the laminate being substantially free from distortion after lamination and embossing as a result of removable attachment of the web carrier to the first polymer film, the web carrier being removable from the first polymer film without distortion of the first or second polymer films of the laminate, the bonding force of the web carrier sufficient to prevent deformation of the first or second polymer films and distortion of the laminate.

64. (New) The laminate of claim 63 wherein the first polymer film is cast on to the web carrier.

65. (New) The laminate of claim 63 wherein the web carrier is made of a material selected from a group of materials of: polyester, glass, fabric, paper, rigid polymer films, polycarbonate or polyimide, or any other dimensionally stable material which can be removably bonded to one or both of the polymer film layers.

66. (New) The laminate of claim 63 wherein the first and second polymer films are made of one or more materials selected from the group of: polyvinyl fluoride, polyvinylidene fluoride, polyvinyl chloride, acrylic, polyester, polycarbonate, PETG, urethane, ABS, thermoplastic materials or alloys thereof.

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67. (New) The laminate of claim 63 further comprising one or more layers of embossing resin between the first and second polymer films.

68. (New) The laminate of claim 67 wherein:
the first polymer film has a thickness in a range of about 0.1 mil to 10 mils;
the embossing resin has an aggregate thickness in a range of about 0.5 mil to 40 mils; and
the second polymer film has a thickness in a range of 0.5 mil to 40 mils.

69. (New) The laminate of claim 63 wherein the web carrier is bonded to the laminate with a bonding force sufficient to maintain dimensionally stability of the laminate during processing of the laminate.

70. (New) The laminate of claim 63 thermally formed as a decorative cover on a structural product.

71. (New) The laminate of claim 67 further comprising at least one layer in addition to the first and second polymer films, web carrier and embossing layer.

72. (New) The laminate of claim 63 further comprising a texture which extends through the web carrier and first polymer layer and into the embossing resin.

73. (New) The laminate of claim 63 further comprising a texture which extends through the web carrier and into the first and second polymer layers of the laminate.

74. (New) The laminate product of claim 63 further comprising an additional removably attachable web carrier attached to one of the polymer films so that each of the first and second polymer films has a removably attached web carrier.

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75. (New) The laminate product of claim 1 further comprising an additional removably attachable web carrier attached to one of the polymer films so that each of the first and second polymer films has a removably attached web carrier.